TEST VEHICLE INFORMATION/TEST SPECIFICATIONS FMVSS 105

NHTSA TEST VEHICLE - Supply Missi	ing Information:				
Vehicle Type:	; Wheelbase: in., mm				
	; Model:				
VIN:	; Build Date:				
GVWR: lbs., kg	}				
GAWR Front: lbs., _	kg				
GAWR Rear: lbs.,	kg				
ENGINE TYPE:					
() Gas, () Diesel; No. of Cylind	ers: () 4, () 6, () 8				
Displacement: liters,	cc				
FINAL DRIVE TYPE:					
() Front Wheel Drive, () Rear V	Vheel Drive, () 4-wheel Drive				
TRANSMISSION TYPE:					
() Automatic; No. of Speeds: () 3, () 4, () 5				
Overdrive: () Yes, () No					
() Manual; No. of Speeds: () 3	, () 4, () 5				
Overdrive: () Yes, () No					
TIRES:					
Manufacturer					
Size					
Load Rating: kg					
Maximum Load Pressure: Fron	ıt psi, bar				
Rea	r psi, bar				
INFORMATION FOR MANUFACTURE	R'S VEHICLE				
USED FOR CERTIFICATION TEST:					
Model:	; Wheelbase: in., mm				
VIN:	; Test No. or Nos.:				
TEST WEIGHTS:					
LLVW: Front lbs.,	<u> </u>				
Rear lbs.,	kg				
Total lbs.,	kg				
GVWR: Front lbs.,	kg				
Rear lbs.,	kg				
Total lbs.,	kg				

CG LOCATION (UVW):
$X = \underline{\qquad} in., \underline{\qquad} mm; \qquad Y = \underline{\qquad} in., \underline{\qquad} mm; \qquad Z = \underline{\qquad} in., \underline{\qquad} mm$
ENGINE TYPE: () Gas, () Diesel; No. of Cylinders () 4, () 6, () 8 Displacement CID, cc or L
FINAL DRIVE TYPE: () Front Wheel Drive, () Rear Wheel Drive, () 4-wheel Drive
TRANSMISSION TYPE: () Automatic; No. of Speeds () 3, () 4, () 5 Overdrive () Yes, () No () Manual; No. of Speeds () 3, () 4, () 5 Overdrive () Yes, () No
TIRES: Manufacturer, Size Load Rating Test Pressure - Front psi, bar Rear psi, bar
TEST PROCEDURE OPTIONS SELECTED:
AUTOMATIC ADJUSTERS LOCKED OUT: Front Brakes () Yes, () No Rear Brakes () Yes, () No NOTE: If Yes for either, submit a description of the technique used
BRAKE ADJUSTMENTS AFTER BURNISH: () Making Stops, Define:
() Manual Adjustment – only if adjusters are locked out NOTE: Service brake adjustments will not be made with the parking brake control nor will the parking brakes be adjusted after burnish
Procedure for Testing Inoperative Brake Power Assist/Brake Power Units: () S5.1.3.1, S5.1.3.(),

Procedure for the Parking Brake Test (define test by marking S5.2.1 and percent grade o S5.2.2 with X and test order used by placing number 1-4 or 1-8 in parentheses for load & direction): () S5.2.1 () 30 percent or () 20 percent grade; test order (1-4):	r
() GVW up, () GVW down, () LLVW up, () LLVW down	
() S5.2.2 30 percent grade using parking brake + park mechanism and 20 percent grade using only the parking brake; Test Order (1-8): Describe Parking Mechanism:	
30 percent () GVW up, () GVW down, () LLVW up, () LLVW down	
20 percent () GVW up, () GVW down, () LLVW up, () LLVW down	
Brake System Indicator Lamp Labeling, Operation, & Ignition Key Check:	
() Single Lamp (Brake), () Multiple Lamps Labeled	
Condition(s) indicated: Pressure failure OR drop in fluid level	
Pressure S5.3.1 () (a)(1), () (a)(2), () (a)(3), () (a)(4);	
Lamp On At: Pressure psi, Pedal Force lbs.	
OR Low Fluid ()S5.3.1(b) Reservoir Full cc, Lamp On At cc	
S5.3.1(c) Electrical Failure: () Antilock, () Variable Proportioning	
Parking Brake On ()S5.3.1(d) Ignition Key Check-all Lamps () Yes, () No	
Procedure for adjustable engine speed governor S6.5 (submit) Comments:	
Certified Brake System – As Identified Below For NHTSA Test Vehicle	
List Other Vehicle Models and Model Years Using the Same Brake System: Model or Carline MY 19	9_

Model or Carline	MY 19_
to 19	
Model or Carlineto 19	MY 19_
POWER BRAKES: () Not Available, () Vacuum, () Hydraulic; Size in., mm () Power Assist Unit, () Brake Power Unit, () Accumulator () Electrically actuated, () Electrical Backup	
MASTER CYLINDER DIAMETER: Primary in., mm Secondary in., mm	
SERVICE BRAKE PEDAL RATIO: to 1	
PARKING BRAKE: () Front Wheels, () Rear Wheels, () Drive Shaft Brake () Service Brake Linings, () Non-service Brake Linings NOTE: For non-service brake linings, submit a copy of the burnish instructior provided to vehicle owners () Hand Control, () Foot Control, Ratio to 1 Parking Mechanism () Yes, () No Describe	าร
PRESSURE VALVE: () Metering, psi, bar, Reblend psi, bar () Proportioning, psi, bar, Ratio to 1 () Variable Proportioning- () Mechanical, () Electrical NOTE: For either, submit procedure to render inoperative	
HYDRAULIC SPLIT: Submit Diagram, () LF&RR, RF&LR () LF&RF, LR&RR Other	
ANTISKID SYSTEM: () Not Available, () 4-Wheel Drive, () Rears Only, ()	_
Manufacturer	

FRON	NT BRAKES					
	() Drum,			() Disc,		
	() Cast			()Cast		-
	() Composite	e ()Le	ading/Trailir	ng () Multipiece	() Float Ca	aliper
	() Finned	()Le	ading/Lead	ing() Vented	() F	in, () Slider
OIZE.						
SIZE:		or in	mm.	Diag Diame	or in	m.m.
	Dium Diameti	er in., _	ппп,	Disc Diamet		
	Non-sonvice E	Parking Brake	Type & Si-	rnickness _ ze	in.,	
	NOIT-SELVICE F	aiking brake	F Type & OIZ	.Ե		
I ININ	G SIZE:					
	- Length	in. mr	m·	Disc - Lengt	h in	mm
Prima	rv - Width	in n	nm:	Inboard - Wi	dth in	mm
				Thick		
Fully \				y Worn Thickne		
-				Disc - Lengt		
				board - Width _		
	Thickness	in	mm:	Thick	ness ir	_ n mm
Fully \	Worn Thickness	, <u></u> s in	mm: Full	y Worn Thickne	ss in.,	mm
,			_			
LININ	G INSTALLED	DIMENSION	S (Nominal	Production Valu	es):	
			`	nm; Disc-	,	Lining
				e Cage Inboa		
		in.,			oard in	
Non-s	service Parking					
	J					
LININ	G CODES:					
	Drum-Primary	<i></i>	; Dis	c-Inboard	or	leading
	Secondary		; Out	board	or tra	iling
LININ	G ATTACHME					
		BONDED	RIVETED			RIVETED
Drum	-Primary	()	()	Disc-Inboard	() k	()
or Lea	ading					
Seco	ndary	()	()	Outboard	()	()
or Tra	iling					
WHE	EL CYLINDER	DIAMETER:	in., _	mm		
	_		_			
CALIF	PER BORE DIA	METER:	in.,	mm		

NUMBER PER BRAKE	Number Per Caliper Calipers Per Wheel			
REAR BRAKES				
TYPE: () Drum () Cast () Composite () Finned	() Duo Servo () Leading/Tr	railing () Multipiece	() Fixed Caliper	
		Thickness _	r in., mm in., mm	
LINING SIZE: Drum - Length in., _ Primary - Width in., Thickness in Fully Worn Thickness Drum - Length in., _ Secondary - Width i Thickness in Fully Worn Thickness	mm; ., mm; _ in., mm; mm; in., mm; ., mm;	Inboard - Widt Thickne Fully Worn Thickness Disc - Length Outboard - Width Thickness	ess in., mm s in., mm in., mm in., mm in., mm	
LINING INSTALLED DIME Drum-Shoe Cage Diamet Diametral Clearance = Dr Non-service Parking Brak	er in., um Diameter - S _ in., mm;	mm; Disc-Cl Shoe Cage Inboard Outboa	learance To Lining d in., mm ard in., mm	
LINING CODES: Drum - Primary Secondary	; Disc - I ; Outboa	nboardo	or Leading r Trailing	

LINING ATTACHMEN							
Drum - Primary	ONDED ()	RIVETED ()				ED RIV	ETED
or leading Secondary or trailing	()	()	Outboa	ard	()	()	
WHEEL CYLINDER D	NAMETER:	in.,	mm				
CALIPER BORE DIAM	METER:	in.,	mm				
NUMBER PER BRAK	E		Caliper ers Per '				
	FM	VSS 105 DAT. PASSENGE					
MY; Manufactu	rer						_
Make	_;	el					
Test No	; GVW	/R/LLVW					_lbs.
TEST SECTION	REQ	UIREMENTS				FBEST S F AND DE	
First Effectiveness 30 m	ph 57 ft.,	15-150 lbs.					
First Effectiveness 60 m	ph 216 ft	., 15-150 lbs.					
Second Effectiveness 30) mph 54 ft.,	15-150 lbs.					
Second Effectiveness 60) mph 204 ft	., 15-150 lbs.					
Second Effectiveness 80) mph 383 ft	., 15-150 lbs.					
Parking Brake 30%, GVV		s. Hand Control	GVWR:		Up	_ lbs., Dow	n
lbs. () Hand, () Foot, () P		o-foot Control	LLVW:		l In	lhe Dow	n
lbs.	120 IL	-ioot Control	LLVVV.		op	_ lbs., Dow	···
Third Effectiveness 60 m	nph 194 ft	., 15-150 lbs.					

Brake Lamp Activation--Manual25 lbs. or 225 psi_____ psiBrake Lamp Activation--Power50 lbs. or 225 psi_____ psiReservoir Fluid LevelMore Than 25%cc: ____ on, ___ Total, ____ %

TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
Partial Failure LLVW 60 mph	456 ft., 15-150 lbs.	Inop , :
_ (define Brakes Inoperative)	456 ft., 15-150 lbs.	Inop , :
GVW 60 mph	456 ft., 15-150 lbs.	Inop , :
_	456 ft., 15-150 lbs.	Inop , :
Antilock Inoperative 60 mph	456 ft., 15-150 lbs.	() NA,
Variable Proprtng Inop. 60 mp	oh 456 ft., 15-150 lbs.	() NA,
Inoperative Power Assist 60 m	nph 456 ft., 15-150 lbs.	() NA,
First Fade Baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-5, 60 mph	15-150 lbs./15 fss	
- Stops 6-10, 60 mph	15-150 lbs./5-15 fss	
_ Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured
Second Fade Baseline, 30 mp	oh 10-60 lbs./10 fss	
Stops 1-10, 60 mph	15-150 lbs./15 fss	
– Stops 11-15, 60 mph	15-150 lbs./5-15 fss	
_ Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured
Fourth Effectiveness, 30 mph	57 ft., 15-150 lbs.	
_ 60 mph	216 ft., 15-150 lbs.	
_ 80 mph	405 ft., 15-150 lbs.	
_ If Applicable 95 mph	607 ft., 15-150 lbs.	

If Applicable 100 mph	673 ft., 15-150 lbs.	
-		
Water Recovery/baseline, 30	mph 10-60 lbs./10 fss	
- Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph _ lbs.	+ 45/ - 10# or 0.6xbl	R = Ibs., Measured
Spike Stops (10), 30 mph Post Spike Effective, 60 mph		Max lbs., Min. time ms
Reservoir Volume	Sufficient For Full Lining Wear	Required cc Measured cc, %
Final Inspection	Linings Attached	() OK,
_	Mechanical Components	() OK,
_	Hydraulic Cylinder W/O Leak	() OK,
Comments:		

FMVSS 105 DATA SUMMARY TRUCK/MPV/BUS (GVW <8K lbs.)

MY; Manufacturer Make	; Model	
Test No; G\	/WR/LLVW	lbs.
TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	65 ft., 15-150 lbs.	
- First Effectiveness 60 mph -	242 ft., 15-150 lbs.	
Second Effectiveness 30 mph	57 ft., 15-150 lbs.	
_ Second Effectiveness 60 mph	216 ft., 15-150 lbs.	
_ Second Effectiveness 80 mph	Not Applicable	
Parking Brake 30%, GVW & L	90 lbs. Hand Control nanism	GVWR: Up lbs., Down lbs. LLVW: Up lbs., Down lbs.
Third Effectiveness 60 mph	216 ft., 15-150 lbs.	
Brake Lamp ActivationManu Brake Lamp ActivationPowe Reservoir Fluid Level		
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop , :
_ (define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop , :
GVW 60 mph	517 ft., 15-150 lbs.	Inop , :
_	517 ft., 15-150 lbs.	Inop , :
– Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	() NA,
– Variable Proprtng Inop. 60 mp	oh 517 ft., 15-150	lbs. () NA,
Inoperative Power Assist 60 n	nph 517 ft 15-150 lbs.	() NA

_		
First Fade Baseline, 30 mph	10-60 lbs./10 fss	
_ Stops 1-5, 60 mph	15-150 lbs./15 fss	
- Stops 6-10, 60 mph	15-150 lbs./5-15 fss	
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
_ Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured

TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 m	ph 10-60 lbs./10 fss	
Stops 1-10, 60 mph	15-150 lbs./15 fss	
- Stops 11-15, 60 mph	15-150 lbs./5-15 fss	
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured
Fourth Effectiveness, 30 mph	72 ft., 15-150 lbs.	
- 60 mph	242 ft., 15-150 lbs.	
_ 80 mph	459 ft., 15-150 lbs.	
	Not Applicable	
 If Applicable 100 mph _	Not Applicable	
Water Recovery/baseline, 30	mph 10-60 lbs./10 fss	
- Stops 1-4, 30 mph	10-150 lbs./10 fss	
- Stop 5, 30 mph _ lbs.	+ 45/ - 10# or 0.6xbl	R = lbs., Measured
Spike Stops (10), 30 mph Post Spike Effective, 60 mph	200 lbs. in 0.08 sec. 242 ft., 15-150 lbs.	Max lbs., Min. time ms
Reservoir Volume	Sufficient For Full Lining Wear	Required cc Measured cc, %
Final Inspection	Linings Attached	() OK,
_	Mechanical Components	() OK,
_	Hydraulic Cylinder W/O Leak	() OK,
Comments:		

FMVSS 105 DATA SUMMARY TRK/MPV/BUS-EXCEPT S/BUS (GVW 8-10K lbs.)

MY; Manufacturer		·
Make · GV	; Model /WR/LLVW	 lbs.
, GV	VVIVLLVVV	ibs.
TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	72 ft., 15-150 lbs.	
_ First Effectiveness 60 mph _	267 ft., 15-150 lbs.	
Second Effectiveness 30 mph	57 ft., 15-150 lbs.	
_ Second Effectiveness 60 mph	216 ft., 15-150 lbs.	
_ Second Effectiveness 80 mph _	Not Applicable	
Parking Brake 30%, GVW & L		
() Hand, () Foot		: Up lbs., Down lbs. Up lbs., Down lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	
– Brake Lamp ActivationManu Brake Lamp ActivationPowel Reservoir Fluid Level		lbs.,psi lbs.,psi cc:on,Total,%
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop , :
_ (define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop , :
GVW 60 mph	517 ft., 15-150 lbs.	Inop , :
_	517 ft., 15-150 lbs.	Inop , :
 Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	() NA,
- Variable Proprtng Inop. 60 mp	oh 517 ft., 15-150 lbs.	() NA,
Inoperative Power Assist 60 m	nph 517 ft., 15-150 lbs.	() NA,
_ First Fade Baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-5, 60 mph	15-150 lbs./15 fss	
- Stops 6-10, 60 mph	15-150 lbs./5-15 fss	

Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
_ Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured

TEST SECTION		ON	REQUIREMENTS		ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 mp		Baseline, 30 mp	oh 10-60 lbs./10	O fss	
	Stops 1-10, 60 mph		15-150 lbs./15 fss		
_	Stops	11-15, 60 mph	15-150 lbs./5-15 fss		
Recove	ery Stop	os 1-4, 30 mph	10-150 lbs./10 fss		
_ _ lbs.	Stop 5	, 30 mph	+ 20/ - 10# c	or 0.6xbl	R = lbs., Measured
Fourth	Effectiv	veness, 30 mph	65 ft., 15-150 lbs.		
_		60 mph	267 ft., 15-1	50 lbs.	
_		80 mph	510 ft., 15-1	50 lbs.	
If Appli	cable	95 mph	Not Applicab	le	
If Applicable 100 mph		100 mph	Not Applicable		
Water I	Recove	ry/baseline, 30	mph 10-60 lbs./10 fss		
_	Stops	1-4, 30 mph	10-150 lbs./10 fss		
Stop 5, 30 mph lbs.		, 30 mph	+ 45/ - 10# c	or 0.6xbl	R = lbs., Measured
Spike Stops (10), 30 mph Post Spike Effective, 60 mph		•	200 lbs. in 0.08 sec. 267 ft., 15-150 lbs.		Max lbs., Min. time ms
Reservoir Volume		ıme	Sufficient For Full Lining Wear		Required cc Measured cc, %
Final Inspection		n	Linings Attached		() OK,
_			Mechanical Components		() OK,
_			Hydraulic Cylinder W/O Leak		() OK,
_ Comm	ents:				

FMVSS 105 DATA SUMMARY SCHOOL BUS (GVW 8-10K lbs.)

VIY; Manufacturer Mako		
Test No; (,	lbs.
TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	69 ft., 15-150 lbs.	
- First Effectiveness 60 mph	267 ft., 15-150 lbs.	
- Second Effectiveness 30 mph	57 ft., 15-150 lbs.	
_ Second Effectiveness 60 mph	216 ft., 15-150 lbs.	
- Second Effectiveness 80 mph	Not Applicable	
Parking Brake 30%, GVW & L	90 lbs. Hand Control G nanism	GVWR: Up lbs., Down lbs. LVW: Up lbs., Down lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	
- Brake Lamp ActivationManu Brake Lamp ActivationPowe Reservoir Fluid Level	r 50 lbs. or 225 ps	si lbs., psi si lbs., psi cc: on, Total,%
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop , :
define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop , :
GVW 60 mph	517 ft., 15-150 lbs.	Inop , :
_	517 ft., 15-150 lbs.	Inop , :
Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	() NA,
- √ariable Proprtng Inop. 60 mp	oh 517 ft., 15-150 lb	os. () NA,
noperative Power Assist 60 m	nph 517 ft., 15-150 lbs.	() NA,
- First Fade Baseline, 30 mph	10-60 lbs./10 fss	
- Stops 1-5, 60 mph	15-150 lbs./15 fss	
- Stops 6-10, 60 mph	15-150 lbs./5-15 fss	

Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
_ Stop 5, 30 mph _ lbs.	+ 20/ - 10# or 0.6xbl	R = lbs., Measured

TEST	TEST SECTION		REQUI	REMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 mp		ph	10-60 lbs./10 fss		
	Stops 1-10, 60 mph		15-150	lbs./15 fss	
_	Stops	11-15, 60 mph	15-150	lbs./5-15 fss	
_ Recove	ery Stop	os 1-4, 30 mph	10-150	lbs./10 fss	
_ _lbs.	Stop 5	, 30 mph		+ 20/ - 10# or 0.6xbl	R = lbs., Measured
Fourth	Effectiv	veness, 30 mph	65 ft., 1	5-150 lbs.	
_		60 mph		267 ft., 15-150 lbs.	
_		80 mph		510 ft., 15-150 lbs.	
- If Appli	cable	95 mph		Not Applicable	
If Applicable 100 mph		Not Applicable			
Water	Recove	ry/baseline, 30	•	os./10 fss	
_	Stops	1-4, 30 mph	10-150	lbs./10 fss	
Stop 5, 30 mph _ lbs.			+ 45/ - 10# or 0.6xbl	R = lbs., Measured	
Spike Stops (10), 30 mph Post Spike Effective, 60 mph			in 0.08 sec. 15-150 lbs.	Max lbs., Min. time ms	
- Posory	oir Valı	ımo	Sufficia	nt For	Required cc
Reservoir Volume		Sufficient For Full Lining Wear		Measured cc, %	
Final Inspection		Linings Attached		() OK,	
_			Mechanical Components		() OK,
_		Hydraul	ic Cylinder W/O Leak	() OK,	
_ Comm	nents:				

FMVSS 105 DATA SUMMARY SCHOOL BUS (GVW > 10K lbs.)

Make	Make		Model		
TEST SECTION REQUIREMENTS DIST., MAX PF AND DECEL. First Effectiveness 30 mph 88 ft., 15-150 lbs. Second Effectiveness 60 mph 81 ft., 15-150 lbs. Second Effectiveness 60 mph 88 ft., 15-150 lbs. Second Effectiveness 60 mph Not Applicable Parking Brake 30%, GVW & LLVW 125 lbs. Hand Control GVWR: Up lbs., Down lbs. Third Effectiveness 60 mph 388 ft., 15-150 lbs. Third Effectiveness 60 mph 388 ft., 15-150 lbs. Brake Lamp ActivationManual 25 lbs. or 225 psi Brake Lamp ActivationPower 50 lbs. or 225 psi Reservoir Fluid Level More Than 25% cc:	Test No; GV	WR/LL	.VW	_	lbs.
First Effectiveness 60 mph	TEST SECTION	REQU	IREMENTS		
Second Effectiveness 30 mph 81 ft., 15-150 lbs. Second Effectiveness 60 mph 388 ft., 15-150 lbs. Second Effectiveness 80 mph Not Applicable Parking Brake 30%, GVW & LLVW 125 lbs. Hand Control GVWR: Uplbs., Downlbs. () Hand, () Foot	First Effectiveness 30 mph	88 ft., 1	15-150 lbs.		
Second Effectiveness 60 mph 388 ft., 15-150 lbs.	_ First Effectiveness 60 mph _	388 ft.,	15-150 lbs.		
Second Effectiveness 80 mph Not Applicable	Second Effectiveness 30 mph	81 ft., 1	15-150 lbs.		
Parking Brake 30%, GVW & LLVW 125 lbs. Hand Control GVWR: Up lbs., Down lbs. 150 lb-foot Control LLVW: Up lbs., Down lbs. Third Effectiveness 60 mph 388 ft., 15-150 lbs. Brake Lamp ActivationManual 25 lbs. or 225 psi	_ Second Effectiveness 60 mph	388 ft.,	15-150 lbs.		_
125 lbs. Hand Control GVWR: Up	_ Second Effectiveness 80 mph _	Not App	olicable		
Brake Lamp ActivationManual 25 lbs. or 225 psi Brake Lamp ActivationPower 50 lbs. or 225 psi Reservoir Fluid Level More Than 25% cc: on, Total, Partial Failure LLVW 60 mph 613 ft., 15-150 lbs. lnop , : [define Brakes Inoperative) 613 ft., 15-150 lbs. lnop , : GVW 60 mph 613 ft., 15-150 lbs. lnop , : Antilock Inoperative 60 mph 613 ft., 15-150 lbs. () NA, Variable Proprtng Inop. 60 mph 613 ft., 15-150 lbs. () NA, Inoperative Power Assist 60 mph 613 ft., 15-150 lbs. () NA,	()Hand,()Foot	125 lbs 150 lb-	foot Control LLVW:		
Brake Lamp ActivationPower Reservoir Fluid Level 50 lbs. or 225 psi More Than 25% lbs., psi Cc: on, Total, Partial Failure LLVW 60 mph 613 ft., 15-150 lbs. Inop , : (define Brakes Inoperative) 613 ft., 15-150 lbs. Inop , : GVW 60 mph 613 ft., 15-150 lbs. Inop , : - 613 ft., 15-150 lbs. Inop , : - Antillock Inoperative 60 mph 613 ft., 15-150 lbs. () NA, - Variable Proprtng Inop. 60 mph 613 ft., 15-150 lbs. () NA, Inoperative Power Assist 60 mph 613 ft., 15-150 lbs. () NA,	_	, , , , , , , , , , , , , , , , , , ,			
(define Brakes Inoperative) 613 ft., 15-150 lbs. Inop , :	Brake Lamp ActivationPower	r	50 lbs. or 225 psi	Ibs.,	_ psi
GVW 60 mph 613 ft., 15-150 lbs.	Partial Failure LLVW 60 mph	613 ft.,	15-150 lbs.	Inop , :	
613 ft., 15-150 lbs.	_ (define Brakes Inoperative)	613 ft.,	15-150 lbs.	Inop , :	
Antilock Inoperative 60 mph 613 ft., 15-150 lbs. () NA,	- GVW 60 mph	613 ft.,	15-150 lbs.	Inop , :	
Variable Proprtng Inop. 60 mph 613 ft., 15-150 lbs. () NA, Inoperative Power Assist 60 mph 613 ft., 15-150 lbs. () NA,	_	613 ft.,	15-150 lbs.	Inop , :	
Inoperative Power Assist 60 mph 613 ft., 15-150 lbs. () NA,	Antilock Inoperative 60 mph	613 ft.,	15-150 lbs.	() NA,	
613 ft., 15-150 lbs. () NA,	 Variable Proprtng Inop. 60 mp	h	613 ft., 15-150 lbs.	() NA,	
First Fade Baseline, 40-20 mph 10-90 lbs./10 fss	Inoperative Power Assist 60 m	•	15-150 lbs.	() NA,	
	First Fade Baseline, 40-20 mp	oh	10-90 lbs./10 fss		
Snubs 1-10, 40-20 mph 15-150 lbs./15 fss	Snubs 1-10, 40-20 mp	h	15-150 lbs./15 fss		

Recovery Snubs 1-4, 40-20 mph

10-150 lbs./10 fss

Snub 5, 40-20 mph + 45/ - 10# or 0.6xbl

 $R = \underline{\hspace{1cm}}$ - $\underline{\hspace{1cm}}$ lbs., Measured $\underline{\hspace{1cm}}$ lbs.

DECEL.	DIST., MAX PF AN	REQUIREMENTS		TEST SECTION	
		mph 10-90 lbs./10 fss		Second Fade Baseline, 40-20	
	-	15-150 lbs./15 fss	nph	1-20, 40-20 m _l	- Snubs
		lbs./10 fss	•	bs 1-4, 40-20 n	Recovery Snu
ured lbs.	R = lbs., Mea	10# or 0.6xbl	+ 45/ -	5, 40-20 mph	_ Snub 5
		15-150 lbs.	oh 88 ft.,	veness, 30 mph	Fourth Effective
		383 ft., 15-150 lbs.		60 mph	_
		Not Applicable		80 mph	_
		Not Applicable		95 mph	_ If Applicable
		Not Applicable		_ If Applicable 100 mph	
		bs./10 fss		ery/Baseline, 30	- Water Recove
		lbs./10 fss	10-150	1-4, 30 mph	- Stops
s., Measured	R = I	+ 60/ - 10# or 0.6xbl		, 30 mph	Stop 5
, %	Requiredc	ent For ning Wear	Sufficie Full Lir	ıme	Reservoir Volu
	() OK,	Attached	Linings	Final Inspection	
	() OK,	nical Components	Mecha	_	
	() OK,	lic Cylinder W/O Leak	Hydrau	_	
s., Measured	R = I Required co Measured co () OK, () OK,	Ibs./10 fss 10# or 0.6xbl 15-150 lbs. 383 ft., 15-150 lbs. Not Applicable Not Applicable plicable bs./10 fss lbs./10 fss + 60/ - 10# or 0.6xbl ent For aing Wear Attached nical Components	mph 10-150 + 45/ - h 88 ft., Not Ap 30 mph 10-90 10-150 Sufficie Full Lir Linings Mecha	ibs 1-4, 40-20 mph veness, 30 mph 60 mph 80 mph 100 mph rry/Baseline, 30 1-4, 30 mph	Recovery Snu Snub 8 Fourth Effective If Applicable If Applicable Water Recove Stops Stop 5 Ibs. Reservoir Volume

Comments:

FMVSS 105 DATA SUMMARY TRUCKS/MPVs/BUSES -- EXCEPT SCHOOL BUSES (GVW > 10K lbs.)

MY; Manufacturer	. NA1 - 1	
Make : GV	; Model /WR/LLVW	lbs.
restino, Gv	VVN/LLVVV	IDS.
TEST SECTION	REQUIREMENTS	ACTUAL PERFBEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	Not Applicable	
First Effectiveness 60 mph	Not Applicable	
Second Effectiveness 30 mph	Not Applicable	
Second Effectiveness 60 mph	Not Applicable	
Second Effectiveness 80 mph	Not Applicable	
Parking Brake 30%, GVW & L		
() Hand, () Foot	NA lbs. Hand Control GVWR: NA lb-foot Control LLVW:	· · · · · · · · · · · · · · · · · · ·
Third Effectiveness 60 mph	Not Applicable	
Brake Lamp ActivationManu Brake Lamp ActivationPower Reservoir Fluid Level	al 25 lbs. or 225 psi r 50 lbs. or 225 psi More Than 25%	lbs.,psi lbs.,psi cc:on,Total,%
Partial Failure LLVW 60 mph	613 ft., 15-150 lbs.	Inop , :
_ (define Brakes Inoperative)	613 ft., 15-150 lbs.	Inop , :
- GVW 60 mph	613 ft., 15-150 lbs.	Inop , :
_	613 ft., 15-150 lbs.	Inop , :
Antilock Inoperative 60 mph	613 ft., 15-150 lbs.	() NA,
Variable Proprtng Inop. 60 mp	oh 613 ft., 15-150 lbs.	() NA,
Inoperative Power Assist 60 m	nph 613 ft., 15-150 lbs.	() NA,
First Fade Baseline, 40-20 mp	oh Not Applicable	
Snubs 1-10, 40-20 mp	h Not Applicable	
 Recovery Snubs 1-4, 40-20 m	ph	

	Not Applicable	
Snub 5, 40-20 mph	Not Applicable	R = lbs., Measured lbs.

TEST SECTION		REQUIREMENTS	DIST., MAX PF AND DECEL.
Second Fac	de Baseline, 40-2	0 mph Not Applicable	
_ Snu	ıbs 1-20, 40-20 m	ph Not Applicable	
Recovery S	Snubs 1-4, 40-20 r	mph Not Applicable	
- Snu	ıb 5, 40-20 mph	Not Applicable	R = lbs., Measured lbs.
Fourth Effe	ctiveness, 30 mph	Not Applicable	
_	60 mph	Not Applicable	
_	80 mph	Not Applicable	
_ If Applicable	e 95 mph	Not Applicable	
_ If Applicable	e 100 mph	Not Applicable	
Water Reco	overy/Baseline, 30	mph Not Applicable	
_ Stop	ps 1-4, 30 mph	Not Applicable	
_ Stop _ lbs.	p 5, 30 mph	Not Applicable	R = lbs., Measured
Reservoir Volume		Sufficient For Full Lining Wear	Required cc Measured cc, %
Final Inspection		Linings Attached	() OK,
_		Mechanical Components	() OK,
_		Hydraulic Cylinder W/O Leak	() OK,
_ Comments	S:		